



ALAGAPPA UNIVERSITY

(Reaccredited with 'A' Grade by NAAC)

KARAIKUDI-630 003, TAMIL NADU, INDIA



9th National Symposium cum Workshop on "Recent Trends in Structural Bioinformatics and Computer Aided Drug Design" [SBCADD'2017]

14th - 17th February, 2017

Organised by
Department of Bioinformatics

THEME

SBCADD'2017 would like to take this wonderful privilege to invite you all to the 9th National Symposium cum Workshop going to be held during February 14th - 17th 2017, on the theme of "Recent Trends in Structural Bioinformatics and Computer Aided Drug Design" seeks to continue the good synergy obtained in the previous edition, providing a discussion forum from scientists, researchers, students and industrials about the latest ideas and realizations in the foundations, theory, models and applications for interdisciplinary and multidisciplinary research encompassing disciplines of Structural Biology, Molecular Biology, Structural Bioinformatics, Computer Aided Drug Design and Pharmacogenomics. In recent years, Computational Biology and Medical Informatics have seen significant advances driven by computational techniques making Bioinformatics and Computational Biology among the most vibrant research areas that could accelerate translational research comprising of the development and discovery of drugs against combating diseases that could enhance the livelihood and life expectancy of the individuals. The aim of SBCADD'2017 is to create a friendly environment that could lead to the establishment or strengthening of scientific collaborations and exchanges among attendees, and therefore, participation at SBCADD'2017 would provide an excellent opportunity to keep up with the cutting-edge research in such enlivening topics mentioned above and to network with other members of our community. We cordially invite you to submit abstract and participate in Symposium cum Workshop.

ABOUT THE UNIVERSITY

Alagappa University was established at Karaikudi, Tamilnadu, India by the great philanthropist and educationist Padma Bhushan Dr. R.M. Alagappa Chettiar in 1985. Alagappa University is recognized by the UGC, Government of India and is reaccredited with "A" grade by NAAC. The University campus is shredded with 440 acres wide invigorating with green environment with all potential academic activities. The post graduate and research departments in Science, Humanities and other disciplines in the Alagappa University offer more novel and innovative programmes through regular, distance and e-learning mode. Alagappa University educates nearly 0.1 million students every year especially in the rural and backward areas of Tamil Nadu. The motto of Alagappa University is to develop leadership in various disciplines through "EXCELLENCE IN ACTION".

ABOUT THE DEPARTMENT

Department of Bioinformatics was established in the year 2008, to facilitate the teaching and research in the interdisciplinary areas of Structural Biology, Structural Bioinformatics, Cheminformatics, Pharmacoinformatics, Genomics and Proteomics to create an intellectual environment for interdisciplinary education and training. The department comprises of well experienced faculty members with diversified research interests and expertise in X-ray Crystallography, Molecular Modeling and Computer Aided Drug Design, Marine Biotechnology and Pharmacogenomics. The main research of the department focuses on computational and experimental techniques to study the interaction of small molecules with proteins and nucleic acids and to characterize their molecular mechanism towards the novel drug discovery for human diseases. Dynamic environment at department facilitates students to gain experience in Bioinformatics related fields through academic, industrial rotations and internship programs. The department has received research grants from various funding agencies like UGC, DBT, DST, CSIR, ICMR, New Delhi and TNSCST, Tamil Nadu. Department of Bioinformatics is offering a two year M.Sc., one year M.Phil., full-time Ph.D programme in Bioinformatics and one year UGC sponsored P.G. Diploma in Structural Pharmacogenomics.

SCIENTIFIC TOPICS

- Small and Macromolecule X-ray Crystallography
- Molecular Modeling and Pharmacoinformatics
- QM/MM Calculation
- Pharmacophore and ADME/T Prediction
- Free Energy Calculation Methods
- De Novo Drug Design
- Molecular Dynamics Simulation
- Drug-Protein Interaction
- Functional Genomics and Proteomics
- Pharmacogenomics
- Database Creation and Development
- Structural Bioinformatics
- Biotechnology

PARTICIPANTS

Students, Research Scholars, Research Scientists and Faculty members from the Universities, Institutes, Colleges and Industries are eligible to participate in this symposium cum workshop.

CALL FOR POSTER

The participants are requested to submit abstract on the theme of the symposium to the Organizing secretary on or before **January 10th, 2017**. The abstract should be sent to dbiconf@gmail.com. Kindly visit conference website (www.conf.bioinfoau.org/sbcadd'2017) for more information.

ADDRESS FOR COMMUNICATION

Dr. Sanjeev Kumar Singh

Professor

Organizing Secretary - SBCADD'2017

Department of Bioinformatics

Alagappa University, Karaikudi - 630 004, Tamil Nadu, INDIA.

Phone : +91 - 4565 - 223342/ +91 - 4565 - 230725 Fax: +91 - 4565 - 225202

Mobile: +91 - 9894429800

E-mail : dbiconf@gmail.com Web : www.conf.bioinfoau.org/sbcadd'2017

PROGRAMME COMMITTEE

PATRON

Prof. S. Subbiah

Vice-Chancellor, Alagappa University, Karaikudi

CO-PATRON

Prof. V. Balachandran

Registrar, Alagappa University

CONVENER

Dr. J. Jeyakanthan

Professor and Head, Department of Bioinformatics

ORGANIZING SECRETARY

Dr. Sanjeev Kumar Singh

Professor, Department of Bioinformatics

ORGANIZING COMMITTEE MEMBERS

Dr. M. Karthikeyan

Assistant Professor, Department of Bioinformatics

Dr. RM. Vidhyavathi

Assistant Professor, Department of Bioinformatics

Dr. J. Joseph Sahayarayan

Assistant Professor, Department of Bioinformatics

Dr. V. K. Langeswaran

Assistant Professor, Department of Bioinformatics

LIST OF SPEAKERS

- **Dr. T.P. Singh**, AIIMS, New Delhi
- **Dr. Alok Bhattachariya**, Jawaharlal Nehru University, New Delhi
- **Dr. G.P.S. Raghava**, CSIR-IMTECH, Chandigarh
- **Dr. Veejendra Kumar Yadav**, Indian Institute of Technology, Kanpur
- **Dr. D.Velmurugan**, University of Madras, Chennai
- **Dr. Vikash Kumar Dubey**, Indian Institute of Technology, Guwahati
- **Dr. P. Gautam**, Anna University, Chennai
- **Dr. Shandar Ahmed**, Jawaharlal Nehru University, New Delhi
- **Dr. Aparup Das**, Director, CRME (ICMR), Madurai
- **Dr. K. Sekar**, Indian Institute of Science, Bangalore
- **Dr. Md Imtaiyaz Hassan**, Jamia Millia Islamia, New Delhi
- **Dr. Debasisa Mohanty**, National Institute of Immunology, New Delhi
- **Dr. Vikas Jain**, Indian Institute of Science Education & Research, Bhopal
- **Dr. Timir Tripathi**, North - Eastern Hill University, Shilong
- **Dr. Rajanish Giri**, Indian Institute of Technology, Mandi
- **Mr. R. Raghunath**, Vice-President, Schrödinger, USA
- **Dr. Ravikumar Muttineni**, Schrödinger, USA

REGISTRATION

The participants are requested to send the duly filled registration form along with registration fee on or before **January 10th, 2017**. The demand draft should be drawn in favor of "The Organizing Secretary - SBCADD'2017" payable at Karaikudi.

FEE DETAILS

Students / Research Scholar	: 3000
Faculty from Academic Institutions	: 4000
Faculty from Non-Academic Institutions/ Industries	: 5000

ACCOMODATION

Request for accommodation should be sent to The Organizing Secretary at the earliest. The expenses for accommodation and TA/DA will be met by participants. Only refreshment and lunch will be provided during the event.

HOTELS AVAILABLE AT KARAIKUDI

Hotel Sathguru Grand	: 04565 - 230400/1
Golden Singar Hotel	: 04565 - 235521/2/3
Hotel Nachiappa Palace	: 04565 - 230077/67
Hotel Subalakshmi Palace	: 04565 - 235200
L. T. Lodge	: 04565 - 238792
M.R.M Lodge	: 04565 - 233796
Hotel Jagan	: 04565 - 227273/225446
SMS Lodge	: 04565 - 227741/3

HOW TO REACH ALAGAPPA UNIVERSITY

Train and Bus facilities are frequently available in Karaikudi. For further details please visit www.mustseeindia.com/Karaikudi/how-to-reach

Sponsors

Alagappa University and Schrödinger, USA

Venue : Department of Bioinformatics, Alagappa University, Karaikudi.